

**Notice of Allowability**

Application No.

09/824,481

Applicant(s)

SEKI ET AL

Examiner

Dameon E Levi

Art Unit

2841

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment 09/22/2004.
2. ☒ The allowed claim(s) is/are 14-26.
3. ☒ The drawings filed on 02 April 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David McClaughry (Reg No 37886) on 10/15/2004.

The application has been amended as follows:

#### **REPLACE CLAIM 14 WITH:**

##### **14. A discharge lamp comprising:**

**a luminous bulb in which a luminous material is enclosed and a pair of electrodes are opposed in the luminous bulb; and a pair of sealing portions for sealing a pair of metal foils electrically connected to the pair of electrodes, respectively, each of the pair of sealing portions including a shrink seal structure and each of the pair of metal foils including an external lead on a side opposite to a side electrically connected to a corresponding electrode of the pair of electrodes, wherein at least one of the pair of sealing portions is provided with at least two constricted portions, each of the at least two constricted portions being formed along an outer surface of the at least one sealing portion in an area between an end of the electrode and an end of the external lead,**

**but not formed in an area in which the electrode and the metal foil are connected and not formed in an area in which the external lead and the metal foil are connected.**

**REPLACE CLAIM 15 WITH:**

**15. The discharge lamp of claim 14, wherein the length of at least one of the at least two constricted portions in the direction substantially perpendicular to the surface of the metal foil in the sealing portion is 70 to 90% of the length of the other portions without the constricted portion.**

**REPLACE CLAIM 18 WITH:**

**18. The discharge lamp of claim 14, wherein at least one of the at least two constricted portions is provided in a portion relatively nearer to the luminous bulb side, rather than a center of the sealing portion.**

**REPLACE CLAIM 24 WITH:**

**24. The discharge lamp of claim 14, wherein cross-sectional shapes of the sealing portion and at least one of the at least two constricted portions are circular, and an outer diameter of the at least one constricted portion is smaller than that of the other portions.**

**REPLACE CLAIM 26 WITH:**

**26. The discharge lamp of claim 14, wherein at least one of the at least two constricted portions is only formed in an area between an end of the electrode and an end of the external lead.**

***Allowable Subject Matter***

**Claims 14-26 are allowable.**

The following is an examiner's statement of reasons for allowance: In response to remarks and the perfection of Priority submitted, and, in addition a Telephone Interview with Applicant's Representative, and upon conclusion of a comprehensive search of the prior art, the Office indicates that the claims, as amended, are allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dameon E Levi whose telephone number is (571) 272-2105. The examiner can normally be reached on Mon.-Fri. (9:00 - 5:00).


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamand Cuneo can be reached on (571) 272-1957. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dameon E Levi  
Examiner  
Art Unit 2841

DEL



**KAMAND CUNEO**  
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